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PATENT  
Attorney Docket No.: IBN-0016

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

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Technology Center 2600

Applicant(s): Ross W. Callon, et al.

Serial No.: 09/610,278

Filing Date: July 6, 2000

Title: APPARATUS AND METHOD FOR EFFICIENT HASHING IN NETWORKS

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Assistant Commissioner for Patents, Washington, DC 20231.

1-10-02

Date

Amy Green  
Amy Green

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
WITH REVOCATION OF PRIOR POWERS AND  
CERTIFICATION UNDER 37 CFR 3.73(b)

Pluris, Inc., the assignee of the entire interest of the above-captioned U.S. patent application, hereby revokes all powers of attorney previously given and hereby grants new powers of attorney to the following attorneys and/or agents, all of the firm Mills & Onello LLP, Eleven Beacon Street, Suite 605, Boston, Massachusetts, 02108, to prosecute and transact all business in the Patent and Trademark Office connected therewith.

Steven M. Mills - 36,610

Anthony P. Onello, Jr. - 38,572

SEND ALL CORRESPONDENCE AND DIRECT ALL TELEPHONE CALLS IN  
CONNECTION WITH THE APPLICATION TO:

Steven M. Mills  
Mills & Onello LLP  
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Applicant(s): Ross W. Callon, et al.  
U.S. Serial No.: 09/610,278

Pluris, Inc., a California corporation, having a place of business at 10455 Bandle Drive, Cupertino, California, 95014, certifies that it is the assignee of the entire right, title and interest in the U.S. patent application identified above by virtue of assignments from the inventor(s) of the patent application to IronBridge Networks, Inc., which assignments are recorded in the U.S. Patent and Trademark Office at reel 011337, frame 0894; reel 011337, frame 0886; reel 011337, frame 0873 and reel 011338, frame 0037, and an assignment from IronBridge Networks, Inc., to Pluris, Inc., a copy of which assignment is enclosed herewith.

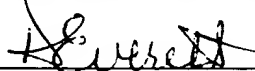
The undersigned has reviewed all documents in the chain of title of the patent application identified above, and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this document on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Name: Diana Everett

Title: Vice President and Corporate Secretary

Signature: 

Date: Jan. 2, 2002

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ASSIGNMENT

WHEREAS, IronBridge Networks, Inc., c/o Mark G. DeGiacomo, Esq., Murtha, Cullina, Roche, Carens & DeGiacomo, P.C., 99 High Street Boston, Massachusetts 02110 (hereinafter "ASSIGNOR"), a corporation organized under the laws of the State of Delaware, owning rights to application for Letters Patent filed July 6, 2000 and having patent application Serial No. 09/610,278 (hereinafter "APPLICATION") desires to assign and transfer all of its entire right, title, and interest in and to said APPLICATION and in and to any Letters Patent that may be granted thereof in the United States and its territorial possessions;

WHEREAS, Pluris, Inc. (Company)  
(hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of California, and having a principal place of business at 10455 Bandley Drive, Cupertino, California 95014  
(Address)  
is desirous of acquiring the entire right, title and interest in, to and under the APPLICATION and inventions covered thereby;

WHEREAS, the ASSIGNOR and ASSIGNEE have entered into a certain agreement pursuant to which the ASSIGNOR has sold and the ASSIGNEE has purchased all right, title, and interest in, to and under the APPLICATION.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreement and of other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred and by these presents does hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR's entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the inventions described in said APPLICATION, together with ASSIGNOR's entire right, title and interest in and to said APPLICATION and such Letters Patent as may issue thereon or claim priority under international convention including but not limited to continuations, divisionals, reissues, and reexaminations of said application or such Letters Patent; said inventions, applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made; ASSIGNOR hereby conveys all of ASSIGNOR's rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. Assignor hereby acknowledges that this assignment being of ASSIGNOR's entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE for its own name as assignee of ASSIGNOR's entire right, title and interest therein.

AND, ASSIGNOR does hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said APPLICATION or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

**IN TESTIMONY WHEREOF**, I have hereunto set my hand and affixed my seal the date set forth below.


IRONBRIDGE NETWORKS, INC.

  
By: Mark G. DeGiacomo, Esq.

Title: Trustee

Commonwealth of Massachusetts )  
County of Suffolk)

Subscribed and sworn to before me, by the above-named Mark G. DeGiacomo, Esq.  
this 17<sup>th</sup> day of December, 2001.

  
Notary Public  
My Commission Expires: Oct 21, 2005